

ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BHF-131-1(11) Baker County **OFFICE** Preconstruction
P. I. No. 431710
CW Hutto **DATE** March 26, 1999
FROM C. Wayne Hutto, Assistant Director of Preconstruction
TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

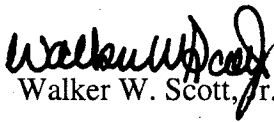
Attachment

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**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BHF-131-1(11) Baker County **OFFICE** Preconstruction
P.I. No. 431710
DATE February 4, 1999
FROM  Walker W. Scott, Jr., P.E., Director of Preconstruction
TO Wayne Shackelford, Commissioner

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a narrow and structurally deficient bridge on SR 91/Peter Zack Geer Highway over Ichawaynochaway Creek, north of SR 253 intersection. The existing bridge, constructed in 1941, consists of 10-inch H-pile bents with concrete caps, steel beam superstructure, and a concrete deck. The sufficiency rating is 63.1 currently, but will be reduced when the superstructure is rated during the next inspection. The existing approaches consist of a two lane, rural roadway with rural shoulders on 100' of existing right-of-way. This bridge is located on SR 91 between the cities of Colquitt and Albany. The base year traffic (2002) along this section of SR 91 is 2,650 VPD. The 20 year (2022) or design year projected volume is 3,950 VPD. The posted speed and the design speed are 55 MPH.

The construction proposes to relocate SR 91 south of its present location extending from MP 4.0 to MP 4.8 for a total of 0.80 mile. The proposed new bridge will be 565' x 40' and will be located just south of the existing bridge structure. The relocated SR 91 will consist of two, 12' lanes with 8' rural shoulders on a variable 100' to 150' of proposed right-of-way. Traffic will be maintained along the existing roadway during construction.

In accordance with DOT MOG 2405-1, the existing bridge meets the established criteria for replacement.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion will be prepared; a public hearing is not required; time saving procedures are appropriate.

Wayne Shackelford
Page 2

BHF-131-1(11) Baker
February 4, 1999

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$3,113,000	\$727,000	2002	01-11
Right-of-Way	\$ 35,000	\$ 10,000		
Utilities*	LGPA	LGPA		

*Baker County signed LGPA on 4-16-96 for utilities.

This project is in the STIP. I recommend this project concept be approved.

WWS:JDQ/cj

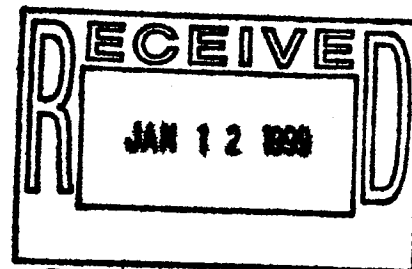
Attachment

CONCUR Frank L. Danchetz
Frank L. Danchetz, P.E., Chief Engineer

APPROVE Wayne Shackelford
Wayne Shackelford, Commissioner

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE



FILE: BHF-131-1(11) Baker
P.I. Number 431710

OFFICE: Atlanta, Georgia

DATE: January 11, 1999

FROM: Bob Mustin, Project Review Engineer *BM*

TO: Wayne Hutto, Assistant Director of Pre-construction

SUBJECT: CONCEPT REPORT

We have reviewed the concept report submitted December 17, 1998 by the letter from Zane Hutchinson dated December 10, 1998, and have the following comment:

1. As noted in the report, the current sufficiency rating of 63.1 is too high to qualify for bridge replacement funds.

The costs for the project are:

Construction	\$2,470,000
Inflation	\$ 247,000
E&C	\$ 272,000
Preliminary Engineering	\$ 124,000
Reimbursable Utilities	\$ 0
Right of Way	\$ 35,000

DTM

c: Zane Hutchinson – District 4 Design

PROJECT CONCEPT REPORT

BHF-131-1 (11) P. I. NO. 431710 BAKER COUNTY

Federal Route No.: F-131-1

Date of Report: December 10, 1998

State Route No.: 91

RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date

State Transportation Planning Administration

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

Date

District Engineer/Tifton

Date

Project Review Engineer

Date

State Traffic Operation Engineer

Date

State Bridge & Structural Engineer

PROJECT CONCEPT REPORT

PROJECT NUMBER: BHF-131-1 (11)

PROJECT LOCATION AND DESCRIPTION

BHF-131-1 (11) is a bridge replacement located on SR 91/PETER ZACK GEER HWY in Baker Co. at Ichawaynochaway Creek North of SR 253 intersection. The existing typical section is a Rural two lane roadway with open ditches on 100 ft. of right of way. The proposed typical section is a Rural two lane roadway with open ditches variable right of way. The proposed two lane roadway will be on new alignment with the existin roadway being used as a detour during construction. The proposed new alignment will be located on the downstream side of the existing roadway. The project will begin at ML 4.0 and the concept goes Northward approximately 0.80 miles to the end of the project at ML 4.8. Additional right of way be required to construct the new roadway and will be variable from 0.00 ft. to 150 ft.

TRAFFIC

CURRENT

YEAR	AADT
2002	2650

PROJECTED

YEAR	AADT
2022	3950

PDP CLASSIFICATION

MINOR

NON-CA ()

CA ()

FUNCTIONAL CLASSIFICATION

RURAL MINOR ARTERIAL

EXEMPT (X)

N/A ()

NEED AND PURPOSE

The proposed project involves the replacement of a narrow and inadequate design load capacity bridge with a Suff. Rating of 63.1. The bridge Maintenance Engineer recommended the bridge to be replaced in accordance with the DOT Policy 2405-1.

EXISTING ROADWAY

TYPICAL SECTION:	2-Lane Rural (24 ft. Asph. paving, 8 ft. graded shoulders with open ditches)	RIGHT-OF-WAY WIDTH 100 ft.
POSTED SPEED 55 mph	DEGREE OF CURVE 2	MAX GRADE 2.5 %

MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH	PRIORITY RATING	SUFF. RATING
ICHAWAYNOCHAWAY CREEK	565 ft.	24 ft.	N/A	63.1

HAZARD INDEX: N/A

PROPOSED ROADWAY

LOCATION ON NEW ALIGNMENT

TYPICAL SECTION:	2-Lane Rural (24 ft. Asphalt paving, 8 ft. graded shoulders with 4:1 front slopes and open ditches)			
DESIGN SPEED 55 mph	DEGREE OF CURVE		MAX. GRADE	
	ALLOWABLE	6.	ALLOWABLE	4 %
	PROPOSED	2	PROPOSED	2.5 %

PROPOSED MAJOR STRUCTURES

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH
ICHAWAYNOCHAWAY CREEK	565 ft.	40 ft.

PROPOSED RIGHT-OF-WAY

RIGHT-OF-WAY WIDTH	PARCELS IMPACTED	DISPLACEMENTS		
Var. 0.0 to 50.0 m Add'l R/W	4	RES.: 0	BUS.: 1	M.H.: 0

TYPE OF ACCESS CONTROL: By permit.

COORDINATION AND SCHEDULING

CONCEPT TEAM MEETING DATE: NOVEMBER 30, 1998

CONFORM TO TIP/STIP? YES X NO

MEET LOGICAL TERMINI REQUIREMENTS? YES X NO

P.A.R. MEETING: N/A

PERMITS REQUIRED: NATIONWIDE 404

LEVEL OF PUBLIC INVOLVEMENT: NONE

SCHEDULING CONSIDERATIONS:

TIME TO COMPLETE ENVIRONMENTAL: 9 MONTHS

TIME TO COMPLETE PRELIMINARY RD/RW PLANS: 6 MONTHS

TIME TO COMPLETE 404 PERMIT: 9 MONTHS

TIME TO COMPLETE FINAL CONSTRUCTION PLANS: 12 MONTHS

TIME TO BUY RIGHTS-OF-WAY: 12 MONTHS

OTHER PROJECTS IN AREA: STP-0134 (6) DOUGHERTY

LOCAL GOVERNMENT COMMITMENTS: NONE

MISCELLANEOUS

TRAFFIC CONTROL DURING CONSTRUCTION: Traffic will be maintained during construction utilizing the existing roadway as an on site detour during construction of the new alignment.

LEVEL OF ENVIRONMENTAL ANALYSIS: CE

UNDERGROUND STORAGE TANKS: NONE

HAZARDOUS WASTE SITES: NONE

DESIGN VARIATIONS REQUEST

SUBSTANDARD HORIZONTAL ALIGNMENT	YES	NO	UNDETERMINED
SUBSTANDARD ROADWAY WIDTH	()	(X)	()
SUBSTANDARD SHOULDER WIDTH	()	(X)	()
SUBSTANDARD VERTICAL GRADES	()	(X)	()
SUBSTANDARD CROSS SLOPES	()	(X)	()
SUBSTANDARD STOPPING SIGHT DISTANCE	()	(X)	()
SUBSTANDARD SUPERELEVATION RATES	()	(X)	()
SUBSTANDARD HORIZONTAL CLEARANCE	()	(X)	()
SUBSTANDARD SPEED DESIGN	()	(X)	()
SUBSTANDARD VERTICAL CLEARANCE	()	(X)	()
SUBSTANDARD BRIDGE WIDTH	()	(X)	()
SUBSTANDARD BRIDGE STRUCTURAL CAPACITY	()	(X)	()

ALTERNATIVES CONSIDERED

1. No Build

ESTIMATED COST

CONSTRUCTION:	2,470,360.00	RIGHT-OF-WAY:	35,000.00
E & C (10%):	247,036.00	ACQUIRED BY:	DOT
INFLATION:	271,739.00	UTILITIES:	0.00
(2 yrs at 5% per yr.): 10%		ADJUSTED BY:	UTILITY COMPANIES
TOTAL CONSTRUCTION COST:	2,989,135.60		

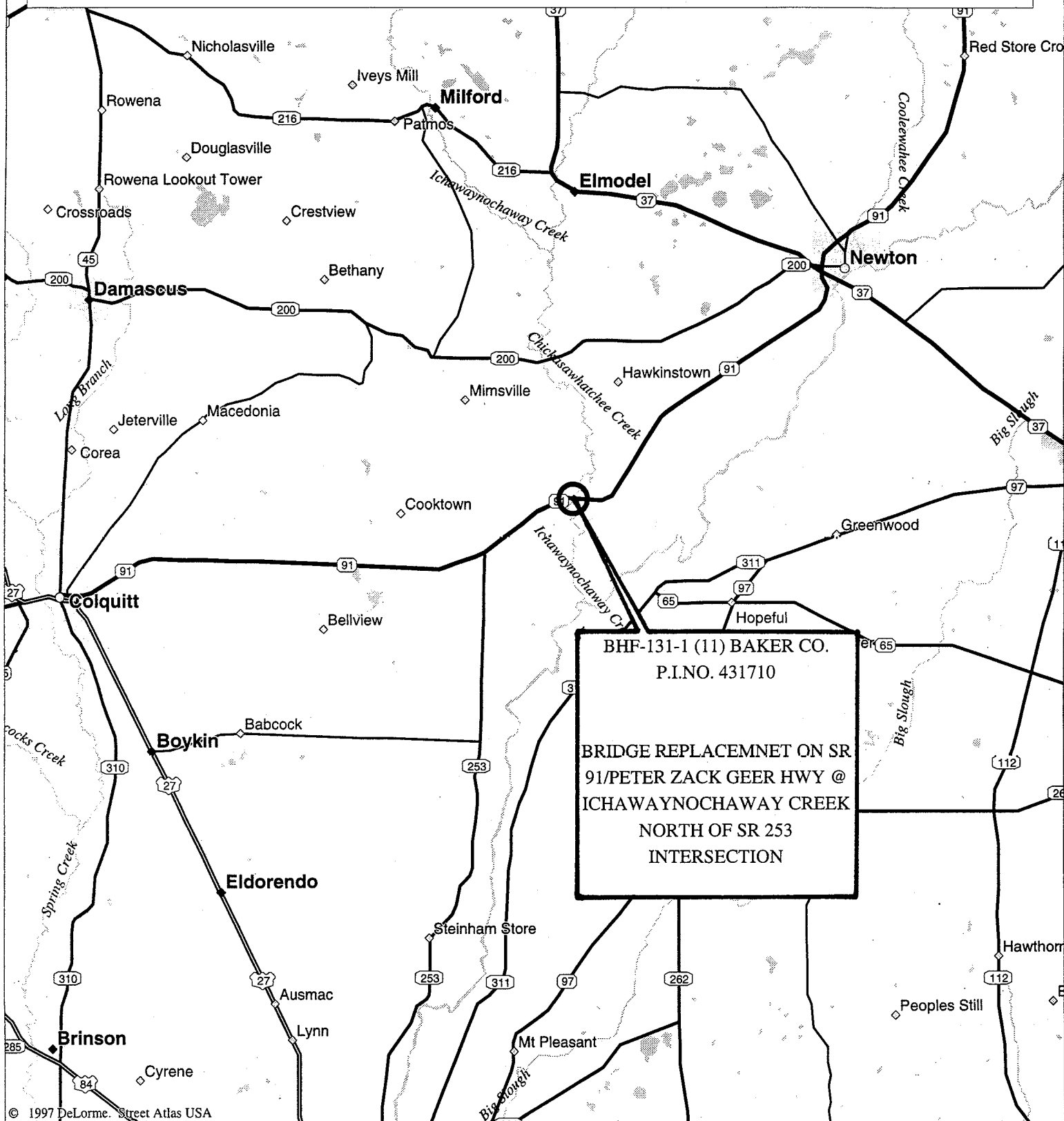
COMMENTS

The Bridge Rehabilitation/Replacement Study stated that this bridge does not currently qualify for federal replacement BR funding, therefore this project will have to be funded with STP funds.

ATTACHMENTS: Cost Estimate, Typical Section, Team Meeting Minutes, Location Sketch. Traffic Count, Accident History, Bridge Rehab./Replacement Study, Location and Design Approval

PREPARED BY: _____
Zane Hutchinson, District Design Engineer

LOCATION SKETCH



© 1997 DeLorme, Street Atlas USA

Mag 11.00
Mon Sep 28 14:52 1998

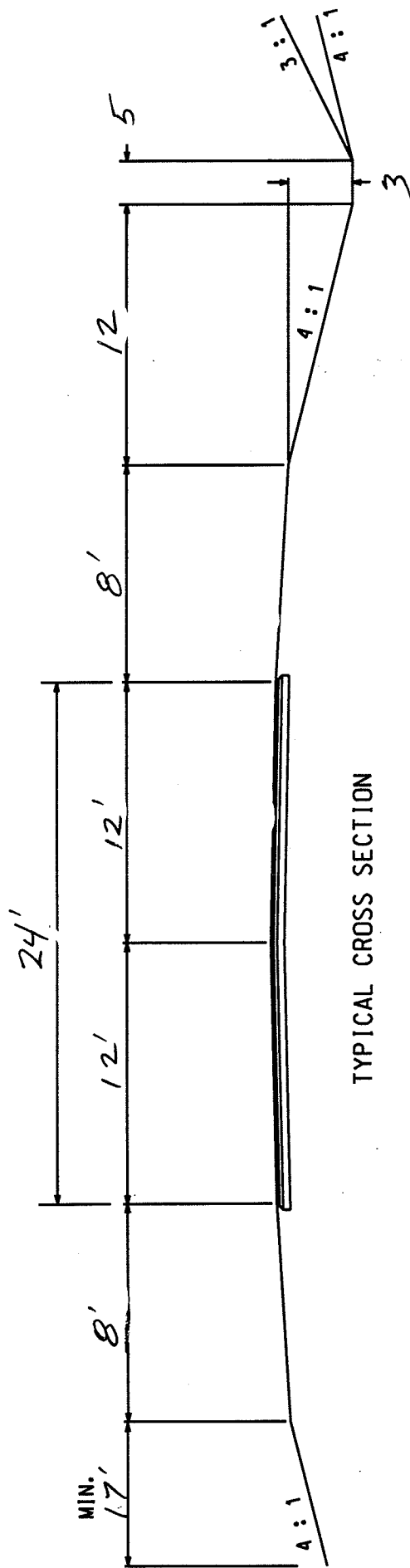
Scale 1:250,000 (at center)

5 Miles

5 KM

- Major Connector
- State Route
- Primary State Route
- US Highway

BHF-131-1 (11)
 PI # 431710
 BAKER CO.



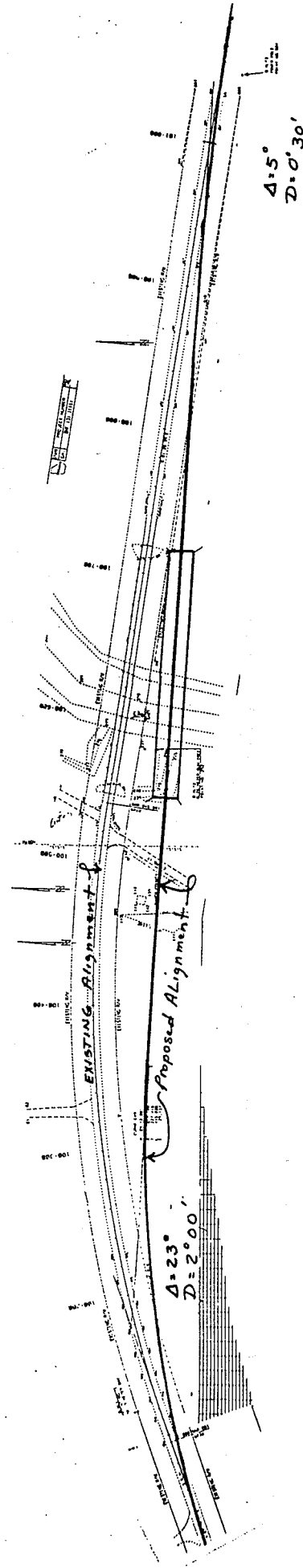
TYPICAL CROSS SECTION

ASPHALT CONCRETE 12.5 mm SUPERPAVE - 165 LBS/SQ YDS
 ASPHALT CONCRETE 19 mm SUPERPAVE - 220 LBS/SQ YDS
 ASPHALT CONCRETE 25 mm SUPERPAVE - 270 LBS/SQ YDS

PROPOSED NEW ALIGNMENT

BHF-131-1 (11) BAKER CO.

P. I. No. 431710



PRELIMINARY COST ESTIMATE

PROJECT NO.	BHF-131-1 (11)	COUNTY:	BAKER
P. I. NO.	431710		
DATE:	DECEMBER 10, 1998	ESTIMATED LETTING DATE:	2001-11
PREPARED BY:	ZANE HUTCHINSON		
()	PROGRAM PROCESS	(X)	CONCEPT DEVELOPMENT
()	DURING PROJECT DEVELOPMENT		
PROJECT COST			
A. RIGHT OF WAY			
1. PROPERTY (Land & Easement)		\$	15,000.00
2. DISPLACEMENTS (RES:0, BUS: 0, M.H.: 0)		\$	20,000.00
3. OTHER COSTS (ADM./COST INFLATION)		\$	0.00
SUBTOTAL: A			\$ 35,000.00
B. REIMBURSABLE UTILITIES			
1. RAILROAD		\$	N/A
2. TRANSMISSION LINES		\$	N/A
3. SERVICES		\$	N/A
SUBTOTAL: B			\$ 0.00
C. CONSTRUCTION			
1: MAJOR STRUCTURES			
a. BRIDGES		\$	1,017,000.00
b. OTHERS (APPROACH SLABS)		\$	21,000.00
SUBTOTAL: C-1			\$ 1,038,000.00
2. GRADING & DRAINAGE			
a. EARTHWORK		\$	1,032,000.00
b. DRAINAGE:			
1) Cross Drain Pipe		\$	10,200.00
2) Curb & Gutter		\$	N/A
3) Longitudinal System (including catch basins)		\$	N/A
SUBTOTAL: C-2			\$ 1,042,200.00
3. BASE & PAVING			
a. AGGREGATE BASE		\$	N/A
b. ASPHALT PAVING			
1) Surface		\$	28,175.00
2) Binder		\$	37,625.00
3) Base		\$	131,600.00
c: CONCRETE PAVING		\$	N/A
d. OTHERS		\$	N/A
SUBTOTAL: C-3			\$ 197,400.00

4. LUMP SUM		
a. GRASSING	\$ 7,000.00	
b. CLEARING & GRUBBING	\$ 11,000.00	
c. LANDSCAPING	\$ N/A	
d. EROSION CONTROL	\$ 30,000.00	
e. TRAFFIC CONTROL	\$ 50,000.00	
f. REMOVAL OF EXISTING BRIDGE	\$ 81,360.00	
g. CONSTRUCT, MAINT., & REMOVE DETOUR STRUCTURE	\$ N/A	
SUBTOTAL: C-4		\$ 179,360.00
5. MISCELLANEOUS		
a. LIGHTING	\$ N/A	
b. SIGNING & MARKING	\$ 2,000.00	
c. GUARDRAIL	\$ 11,600.00	
d. SIDEWALK	\$	
SUBTOTAL: C-5		\$ 13,600.00
6. SPECIAL FEATURES	\$ 0.00	
SUBTOTAL: C-6		\$ 0.00

ESTIMATE SUMMARY				
A. RIGHT OF WAY			\$	35,000.00
B. REIMBURSABLE UTILITIES			\$	0.00
C. CONSTRUCTION				
1. MAJOR STRUCTURES			\$	1,038,000.00
2. GRADING & DRAINAGE			\$	1,042,000.00
3. BASE & PAVING			\$	197,400.00
4. LUMP ITEMS			\$	179,360.00
5. MISCELLANEOUS			\$	13,600.00
6. SPECIAL FEATURES			\$	0.00
SUBTOTAL CONSTRUCTION COST				\$ 2,470,360.00
E & C (10%)				\$ 247,036.00
INFLATION (5% PER YEAR)		NUMBER OF YEARS	2	\$ 271,739.60
TOTAL CONSTRUCTION COST				\$ 2,989,135.60
GRAND TOTAL PROJECT COST				\$ 3,024,135.60

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BHF- 131- 1(11), BAKER COUNTY OFFICE Environmental/Location
P.I.# 431710
DATE August 19, 1998

FROM ^{DS} David E. Studstill, P.E., State Environmental/Location Engineer ^{DRF}

TO David Crim, P. E. , District Engineer
Attn: Zane Hutchinson

SUBJECT TRAFFIC ASSIGNMENT FOR S.R. 91 @ ICHAWAYNOCHAWAY CREEK

We are furnishing estimated traffic assignments for the above project as follows:

2022 AADT = 3950
2002 AADT = 2650
K = 9 %
D = 60 %
T = 6 %
24 Hr. T = 8 %
S.U. = 3 %
Comb. = 5 %

DS/ DRF

Hutchinson, Zane

From: Summers, Brian
Sent: Thursday, November 19, 1998 11:00 AM
To: Hutchinson, Zane
Subject: Bridge Rehab BHF-131-1(11) Baker

Bridge Replacement/Rehabilitation

The above project involves:

Structure ID 007-0004-0

Location ID 007-00091D-004.48N

SR 91 over Ichawaynochaway Creek

This bridge was built in 1941 and consists of 10 inch steel H-Pile bents with concrete caps , steel beam superstructure, and a concrete deck. The original design load capacity is H-15. The sufficiency rating on the structure is 63.1 currently but will probably be reduced when the substructure is rated during the next inspection. In accordance with DOT policy 2405-1, we recommend that this bridge be replaced due to inadequate design load capacity and inadequate pile size (10 inch H-Piles). Due to this criteria no additional cost analysis or coring by the lab will be required. This bridge does not currently qualify for federal replacement BR funding. After the rating of the substructure is complete the bridge should qualify for federal BR funding.

BHF-131-1 (11) BAKER COUNTY
P. I. No. 431710
CONCEPT MEETING MINUTES
November 30, 1998

The meeting began at 10:00 am with Mr. Zane Hutchinson, District Design Engineer, presiding. A sign in sheet was passed around and is attached as part of the minutes. Baker County, DOT Maintenance and Construction was not represented at the meeting. Mr. Hutchinson described the project as a bridge replacement on SR 91/Peter Zack Geer Hwy at Ichawaynochaway Creek North of SR 253 intersection in Baker County. The existing and proposed typical sections were described, traffic counts given, posted speed and design speed was stated, and the existing and required Right of Way was given. It was stated that the new bridge would be on new alignment South (downstream) of the existing roadway and bridge and the existing roadway would be utilized as a detour during construction. Mr. Hutchinson stated that there was one building that would be effected by the new alignment and that it was thought to be a voting precinct.

Emory Giddens, representing the District Utility Department, stated that Bell South and Mitchell EMC was located on the south side (downstream) of the existing roadway and the utilities would have to be moved because of the proposed new alignment at no cost to the Department.

Danny Gay, representing District Traffic Operation, stated that he did a review of the accidents in the area of construction and found there were four recorded accidents in the last four years on record.

Randall Carr, District Environmentalist, stated that the level of environmental analysis would be a Categorical Exclusion. Randall stated there were no hazardous waste sites or underground storage tanks. He stated that there was one structure on the site and thought it is used as a voting precinct in Baker County and he would have to check and see if there was a problem. He also stated that there was a Ecological Research Sign located at the bridge site and did not know if there would be a problem with the new alignment. He stated that he would have to check into it.

Don Gaskins, District Planing and Scheduling Engineer, stated that the project was scheduled for a 2002 fiscal year for construction and 2001 fiscal year for R/w. the project is scheduled for Environment to be completed in 9 mos., Preliminary Plans in 6 mos., 404 in 9 mos., Final Plans in 12 mos. and R/W in 12 mos. he also stated that we did have a signed Local Government Agreement.

Mr. Hutchinson stated that we were proposing a new alignment for the new bridge because a detour bridge would cost as much as the proposed bridge. This would reduce the cost of the project by utilizing the existing bridge as a detour during construction of the mainline. The new alignment would be located on the south side (downstream) of the existing roadway. This would flatten the existing curve at the beginning of the project and create a much better sight distance for CR. 47.

Mr. Hutchinson asked if there were any more questions about the proposed concept. Danny Gay asked if CR. 47 on the south side could be re-aligned. Mr. Hutchinson stated that he would look into it but he saw no reason that it couldn't be done. Danny asked about CR. 47 on the north side and Mr. Hutchinson stated that CR. 47 had been relocated north of the one in question . the one in question is now a private drive with gates.

Emory Giddens asked Donnie Stanfill, Mitchell EMC, if they were going to try to stay on the south side. Donnie said they were probably going to the north side of the roadway because of having to deal with the Ecological Center and that the line was a dead end line which was going to make it tough.

Joe Sheffield, District Preconstruction Engineer, asked if the new curve was going to be flatter than the existing curve. Mr. Hutchinson stated that the delta was going to be less causing the curve to be flatter but he did not know if the degree was different at the moment. He would have to look it up.

Donnie Stanfill asked when would there be a set of Preliminary Plans available. Mr. Hutchinson stated that work has not begun on the project and that the project was in the concept stage right now.

Randall Carr stated that at one time there were fences at the creek. Joe Sheffield stated that the creek was fenced off from time to time. Randall stated that there would be a mussel study for the creek.

Mr. Hutchinson asked if there were any more questions or comments. There were none.

Mr. Hutchinson asked the committee if they accepted the concept as described. They agreed and the meeting ended at 10:11 am.

SIGN IN SHEET

PROJECT NO.: BHF-131-1 (11)

P. I. NO.: 431710

COUNTY: BAKER

DATE: NOVEMBER 30, 1998

TIME: 10:00 am

[illegible]

ACCIDENT HISTORY

BHF-131-1 (11) BAKER

P. I. No. 431710

There were four accidents in the proposed limits of the project in the past three years on record. The accidents are as follows:

1. At ML 4.08 there was an accident on Sept. 09, 1995 at 12:51 a.m. involving two vehicles traveling in opposite directions. There was a head on collision, the conditions were daylight and dry. There were three (3) visible injuries with no complaints of injuries and no fatalities.
2. At ML 4.49 , at the intersection of CR 47, there was an accident on Jan. 01, 1995 at 9:10 a.m. involving two vehicles. Vehicle No. 1 was traveling East was making a right turn when vehicle No. 2 heading South struck vehicle No. 1 at an angle. The conditions were daylight and dry. There was one (1) visible injury with no complaint of injury and no fatalities.
3. At ML 4.08 there was an accident on Aug. 05, 1997 at 4:53 p.m. involving two vehicles traveling in opposite directions. There was a head on collision, the conditions were daylight and wet. There were no visible injuries with no complaints of injuries and no fatalities.
4. At ML 4.58 there was an accident on Nov. 29,1997 at 1:08 p.m. involving a single car traveling south and left the roadway and struck an object. The conditions were daylight and dry. There were no visible injuries or complaints and no fatalities.

DEPARTMENT OF TRANSPORTATION
OFFICE OF TRAFFIC AND SAFETY
ACCIDENTS LISTING

16-Nov-1998
Page 1

CASE	DATE	TIME	COU	TP	ROUTE	MILE	INT RD TYPE	INT RD SECT	RAMP	F	I-V	I-C	TYPE	ACCIDENT	LOC	LI	SUR	D1	D2	VM1	VM2
52160543	09/24/95	12:51	007	SR	91	4.08		0		0	03	00	HEAD ON		ON ROADWAY	1	DRY	S	N	05	05
50230221	01/11/95	9:10	007	SR	91	4.49	CR 47	0		0	01	00	ANGLE INTERSECTING		ON ROADWAY	1	DRY	E	S	02	05
REPORT TOTALS.....		ACCIDENTS: 2		FATALITIES: 0		INJ-VISIBLE: 4		INJ-COMP: 0													
PAGE TOTALS.....		ACCIDENTS: 2		FATALITIES: 0		INJ-VISIBLE: 4		INJ-COMP: 0													

DEPARTMENT OF TRANSPORTATION
OFFICE OF TRAFFIC AND SAFETY
ACCIDENTS LISTING

16-Nov-1998
Page 1

CASE	DATE	TIME	COU	TP	ROUTE	MILE	INT RD TYPE	INT RD	RAMP SECT	F	I-V	I-C	TYPE	ACCIDENT	LOC	LI	SUR	D1	D2	VM1	VM2
72170529	08/05/97	16:53	007	SR	91	4.08			0	0	00	00	HEAD ON		ON ROADWAY	1	WET	S	N	05	05
72920293	11/29/97	13:08	007	SR	91	4.58			0	0	00	00	STRUCK OBJECT		OFF ROADWAY	1	WET	S	0	05	00
REPORT TOTALS.....		ACCIDENTS: 2		FATALITIES: 0		INJ-VISIBLE: 0		INJ-COMP: 0													
PAGE TOTALS.....		ACCIDENTS: 2		FATALITIES: 0		INJ-VISIBLE: 0		INJ-COMP: 0													

SECTION 1 - Location & Geography

Screen 1

* Structure I.D. No.: 007-0004-0
 200 Bridge Information: 06

* 6A Feature Int.: ICHAWAYNOCHAWAY CREEK
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: SR00091
 * 7B Facility Carried: SR 91
 * 9 Location: APP 3 MI N OF JCT SR 253
 2 DOT District: 4
 207 Year Photo: 95

* 91 Inspection Frequency: 24 Date: 12/96
 92A Fract Crit Insp Freq: 0 00 Date: 02/01
 92B Underwater Insp Freq: 1 60 Date: 08/97
 92C Other Spec. Insp Freq: 0 00 Date: 02/01

* 4 Place Code: 00000

* 5 Inventory Route (O/U): 1
 Type: 3
 Designator: 1
 Number: 00091
 Direction: 0

* 16 Latitude: 31-12.8
 * 17 Longitude: 084-28.7

98 Border Bridge: 000 %Shared: 00
 99 ID. Number: 0000000000000000

*100 Defense Highway: 0
 *101 Parallel Structure: N
 *102 Direction of Traffic: 2
 264 Road Inventory Mile Post: 004.50 _

*208 Inspection Area: 11 Initials: JWH

*Location I.D. No: 007-00091D-00448N

*XReferen I.D. No: 000-000000-000000

SECTION 1 - CONTINUED

*104 Highway System: 0
 * 26 Functional Classification: 06
 *204 Federal Route Type: F No:131-1
 *110 Truck Route: 1
 206 School Bus Route: 1
 217 Benchmark Elevation: 0138.93
 218 Datum: 2

Screen 2

* 19 Bypass Length: 09
 * 20 Toll: 3
 * 21 Maintenance: 01
 * 22 Owner: 01
 31 Design Load: 2
 37 Historical Significance: 5
 205 Congressional District: 02
 * 27 Year Constructed: 1941
 106 Year Reconstructed: 0000
 33 Bridge Median: 0
 34 Skew: 00
 35 Structure Flared: 0
 38 Navigation Control: 0
 213 Special Steel Design: 0
 267 Type of Paint: 2
 * 42 Type Service On: 1
 Under: 5
 214 Movable Bridge: 00

203 Type Bridge: O-N-M-O
 259 Pile Encasement: 3
 * 43 Structure Type Main: 4 02
 45 No. Spans Main: 003
 44 Structure Type Appr: 402
 46 No. Spans Appr: 0012
 226 Bridge Curve Horz: 0 Vert: 0
 111 Pier Protection: 0
 107 Deck Structure Type: 1

108 Wearing Surface Type: 1
 Membrane: 8
 Protection: 8

*248 County Continuity No: 00

SECTION 2 - Signs & Attachments

Screen 3

225 Expansion Joint Type: 02
 242 Deck Drains: 1

243 Parapet Location: 0
 Height: 00.0
 Width: 00.0

238 Curb: 1.2 1
 239 Handrail: 1 1
 *240 Median Barrier Rail: 0

241 Bridge Median Height: 0.0
 Width: 00.0

*230 Guardrail Loc Dir Rear: 3
 Fwd: 3
 Oppo Dir Rear: 0
 Fwd: 0

244 Approach Slab: 3
 224 Retaining Wall: 0

233 Posted Speed Limit: 45
 236 Warning Sign: 1
 234 Delineator: 1
 235 Hazard Boards: 1

237 Utilities Gas: 00
 Water: 00
 Electric: 00
 Telephone: 00
 Sewer: 00

247 Lighting Street: 0
 Navigation: 0
 Aerial: 0

SECTION 3 - Programming Data

Screen 4

201 Project No.:SP 1011-A (3)
 202 Plans Available.: 0
 249 Proposed Proj No:EHF-131-1 (11)
 250 Approval Status.: 0000
 251 P.I. No.: 431710
 252 Contract Date.: 02/01/02
 260 Ranking No.: 00000
 75 Type Work.: 34 1
 94 Bridge Imp. Cost.: \$000711
 95 Roadway Imp. Cost.: \$000077
 96 Total Imp. Cost.: \$001054
 76 Imp. Length.: 000776
 97 Imp. Year.: 90
 114 Future ADT.: 003900 Year: 16

SECTION 4 - Hydraulic Data

Screen 5

215 Waterway Data
 Highwater Elev.: 0126.8 Year: 73
 Flood Elev.: 0000.0 Freq: 000
 Avg Streambed Elev: 0097.2
 Drainage Area.: 00000
 Area of Opening.: 020821
 113 Scour Critical.: 5
 216 Water Depth.: 04.0 Br. Height: 37.6
 222 Slope Protection.: 0
 221 Spur Dikes Rear.: 0 Fwd: 0
 219 Fender System.: 0
 220 Dolphin.: 0
 223 Culvert Cover.: 000
 Type.: 0
 No Barrels: 0
 Width.: 00.0
 Height.: 00.0
 Length.: 000
 Apron.: 0

*265 U/W Insp. Area: 2 Diver.: TSP

*Location I.D. No: 007-00091D-00448N

*XReferen I.D. No: 000-000000-000000

Screen 6 == SECTION 5 - Measurements

* 29 ADT.: 002600 Year: 96
 109 % Trucks.: 14
 * 28 Lanes On.: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 254 FC Classification.: 0
 255 FC Rank Factor.: 0003
 * 48 Max. Span Length.: 0101
 * 49 Structure Length.: 000565
 51 Br. Rdwy. Width.: 023.9
 52 Deck Width.: 027.7
 * 47 Tot. Horz. Cl.: 24.0
 50 Curb/Sidewlk Width.: 01.0/01.0
 32 Approach Rdwy Width.: 022
 *229 Shlder Width
 Rear Lt: 04.0 Type: 8 Rt: 04.0
 Fwd Lt: 04.0 Type: 8 Rt: 04.0
 Pmnt Width

Rear: 22.0 Type: 2

Fwd: 22.0 Type: 2

Intersection Rear: 1 Fwd: 0

36 Safety Features Br. Rail.: 2

Transition.: 2

App. G. Rail.: 2

App. Rail End: 2

Screen 7

53 Minimum Cl. Over.: 99 99"
 54 Under: N 00 00"
 *228 Min. Vert. Cl
 Act. Odm. Dir.: 99 99"
 Oppo. Dir.: 99 99"
 Posted Odm. Dir: 00 00"
 Oppo. Dir.: 00 00"
 55 Lateral Undercl. Rt: N 99.9
 56 Lateral Undercl. Lt: 00.0
 * 10 Max Min Vert Cl.: 99 99" Dir: 0
 39 Nav Vert Cl: 000 Horz: 0000
 116 Nav Vert Cl Closed.: 000
 245 Deck Thickness Main.: 07.0
 Deck Thick Approach.: 07.0
 246 Overlay Thickness.: 00.0
 211 Tons Structural Steel: 0093
 212 Year Last Painted.: 9276

SECTION 6 - Ratings

Screen 8

66 Inventory Type: 2 Rating: 23
 64 Operating Type: 2 Rating: 36
 231 Calculated Loads
 H-Modified.: 20 0
 HS-Modified: 25 0
 Type 3.: 26 0
 Type 3S2.: 40 0
 Timber.: 35 0
 Piggyback.: 40 0
 261 H Inventory Rating: 15
 262 H Operating Rating: 24

67 Structural Evaluation.: 5
 58 Deck Condition.: 5
 59 Superstructure Condition: 7
 *227 Collision Damage.: 0
 60A Substructure Condition.: 6
 60B Scour Condition.: 7
 60C Underwater Condition.: 5
 71 Waterway Adequacy.: 8
 61 Channel Protection Cond.: 8
 68 Deck Geometry.: 2
 69 UnderClr. Horz/Vert.: N
 72 Appr. Alignment.: 7
 62 Culvert.: N

SECTION 7 - Posting Data

Screen 9

70 Bridge Posting Required: 5
 41 Struct Open, Posted, Cl: A
 *103 Temporary Structure.: 0
 232 Posted Loads H-Modified: 00
 HS-Modified: 00
 Type 3.: 00
 Type 3S2.: 00
 Timber.: 00
 Piggyback.: 00
 253 Notification Date: 02/01/01
 258 Fed Notify Date: 02/01/01 0

ROAD INFORMATION SYSTEM

County	: BAKER	Type Median:	NONE
Route	: 9100, SR	Add.Lane lf:	NONE
Milepoint	: 0450	Add.Lane rt:	NONE
Number Lanes	: 02	Road system:	RURAL MINOR ARTERIAL
Travel Width	: 026	Int RD Name:	
Truck %	: 15.1	Type Signal:	NONE
94 ADT,95 ADT	: 000000, 002300	Inv Year	: 97
Access Control:	UNCONTROLLED	Yr.Improved:	96
Paces rating	: 99 (1997)	Type Improv:	RESURFACE
Truck Route	: NO	Surface Typ:	ASPHALT CONCRETE
Accident Data	: CALL T&S	Pop Density:	RURAL OUTSIDE INCORP AREA
Right of Way	: EST-100	Operation	: TWO WAY (NON RESTRICTED)
Speed Limit	: 55	Description:	BRS00040 ICHAWAYNOCH
Left shd width:	05	Lft Shd Typ:	GRASS
Rgt shd width:	05	Rgt Shd Ttp:	GRASS
District	: TIFTON	Contact	: Joe Burns GIST 342-3044

A advance, B=go back, M=back to menu: A

NOTICE OF LOCATION AND DESIGN APPROVAL

**BHF-131-1 (11)
Baker County
P.I. No. 431710**

NOTICE is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the location and design of the above project.

Project BHF-131-1 (11) will replace the bridge at Ichawaynochaway Creek on SR 91.

The date of location approval _____.

The proposed project will construct a new 40-ft. wide by 565-ft long bridge over the Ichawaynochaway Creek on SR 91 on new alignment located on south side of the existing roadway. Traffic will be maintained during construction utilizing the existing roadway as an onsit. The total length of the project is 0.8 miles.

Drawings of the proposed project are on file and are available for public inspection at the Georgia Department of Transportation, 710 West Second Street, Tifton, Georgia 31794.

Any written request in reference to this Notice should include the Project and P.I. Numbers as noted at the top of this Notice and may be referred to:

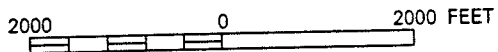
Zane G. Hutchinson
District Design Engineer
Georgia Department of Transportation
710 West Second Street
Tifton, Georgia 31794
Telephone Number (912) 386-3300

FLOOD INSURANCE RATE MAP effective date shown on this map to
actuarial rates apply to structures in the zones where eleva-
have been established.

If flood insurance is available in this community, contact your
or call the National Flood Insurance Program at (800) 638-6620.



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

BAKER COUNTY, GEORGIA AND INCORPORATED AREAS

PANEL 300 OF 350

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
BAKER COUNTY	130270	0300	C

Notice to User: The MAP NUMBER shown below should be used
when placing map orders. the COMMUNITY NUMBER shown
above should be used on insurance applications for the subject
community.

MAP NUMBER
13007C0300 C

EFFECTIVE DATE:
JUNE 19, 1997



Federal Emergency Management Agency

ZONE X

ICHAWAY-
NOCHAWAY
CREEK

ZONE A

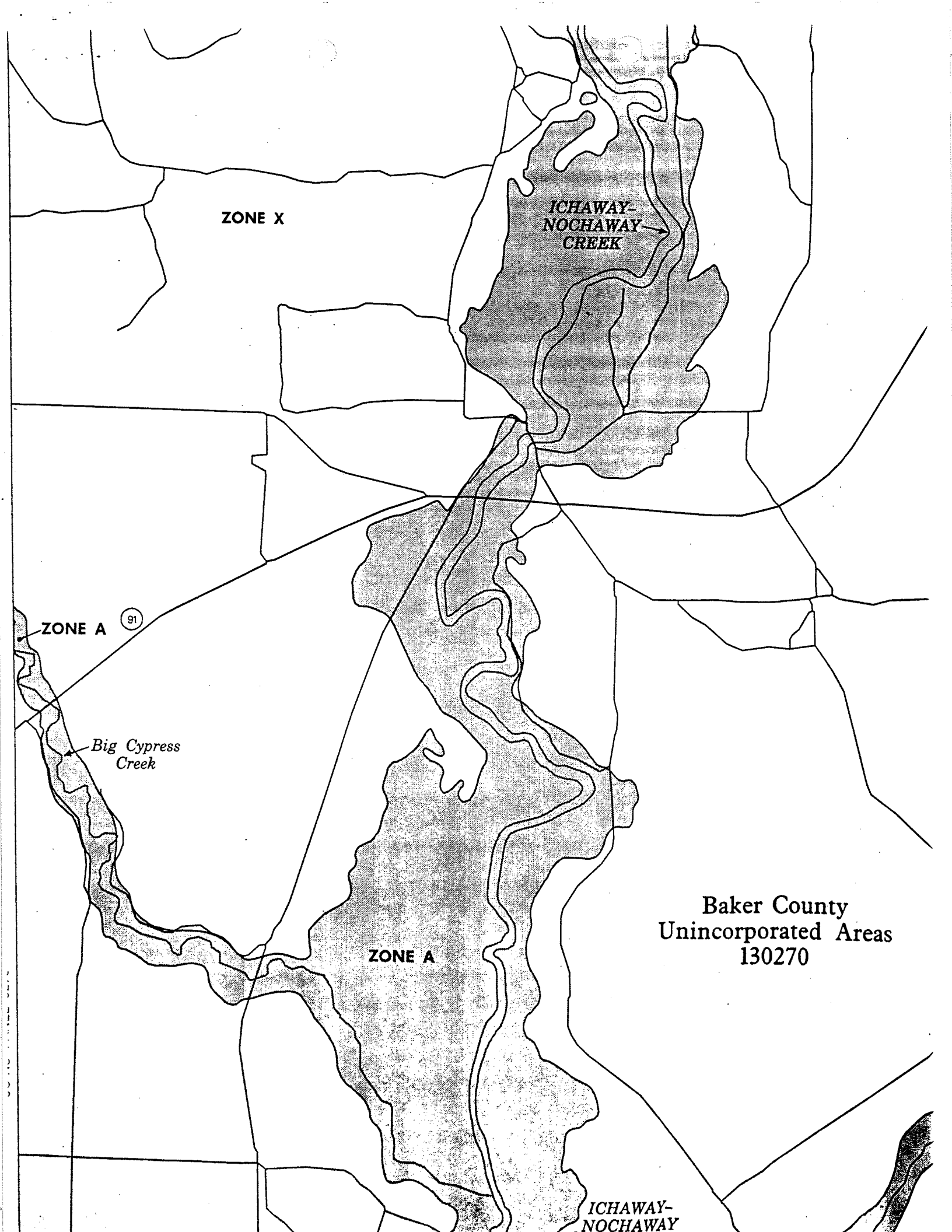
91

Big Cypress
Creek

ZONE A

Baker County
Unincorporated Areas
130270

ICHAWAY-
NOCHAWAY



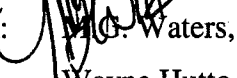
Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

RECEIVED
DEC 21 1998
PRECONSTRUCTION

File: BHF-131-1(11)/Baker County
P.I. No. 431710

Office: Traffic Operations
Atlanta, Georgia
Date: December 18, 1998

From:  M.C. Waters, III, P.E., State Traffic Operations Engineer
To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the concept report on the above project for the bridge replacement on SR 91/Peter Zack Geer Highway over Ichawaynochaway Creek. SR 91 is a rural two lane roadway with open ditches and has a posted speed limit of 90 km/h(55 mph). The existing bridge is narrow and has an inadequate design load capacity with a sufficiency rating of 63.1 that will be lowered at the next inspection. The bridge maintenance engineer recommends its replacement.

The new bridge will be constructed downstream(south) of the existing structure. Traffic is to be maintained during construction on the existing structure. We believe this concept will improve safety and traffic operations along this section of roadway.

WE therefore find this report satisfactory for approval.

MGW:TWS

Attachment (signature page)

c: David Studstill
David Crim, District Engineer – Tifton
Attn: Zane Hutchinson
Bob Mustin, w/ attachment
Toni Dunagan
General Files

PROJECT CONCEPT REPORT

BHF-131-1 (11)
P. I. NO. 431710
BAKER COUNTY

Date of Report: December 10, 1998

Federal Route No.: F-131-1

State Route No.: 91

RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date

State Transportation Planning Administration

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

12-10-98

Date

District Engineer/Tifton

Date

Project Review Engineer

12-18-98

Date

State Traffic Operation Engineer

Date

State Bridge & Structural Engineer

PROJECT CONCEPT REPORT

BHF-131-1 (11) P. I. NO. 431710 BAKER COUNTY

Federal Route No.: F-131-1

Date of Report: December 10, 1998

State Route No.: 91

RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

Date

State Transportation Planning Administration

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

12-10-98

Date

D. O. C. C.
District Engineer/Tifton

Date

Project Review Engineer

Date

State Traffic Operation Engineer

1/21/99

Date

Paul V. Tules Jr.
State Bridge & Structural Engineer

PROJECT CONCEPT REPORT

BHF-131-1 (11) P. I. NO. 431710 BAKER COUNTY

Federal Route No.: F-131-1

Date of Report: December 10, 1998

State Route No.: 91

RECOMMENDATION FOR APPROVAL

This project is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or STIP.

2/10/99
Date


State Transportation Planning Administration


Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

12-10-98
Date


District Engineer/Tifton

Date

Project Review Engineer

Date

State Traffic Operation Engineer

Date

State Bridge & Structural Engineer

PROJECT CONCEPT REPORT

PROJECT NUMBER: BHF-131-1 (11)

PROJECT LOCATION AND DESCRIPTION

BHF-131-1 (11) is a bridge replacement located on SR 91/PETER ZACK GEER HWY in Baker Co. at Ichawaynochaway Creek North of SR 253 intersection. The existing typical section is a Rural two lane roadway with open ditches on 100 ft. of right of way. The proposed typical section is a Rural two lane roadway with open ditches variable right of way. The proposed two lane roadway will be on new alignment with the existing roadway being used as a detour during construction. The proposed new alignment will be located on the downstream side of the existing roadway. The project will begin at ML 4.0 and the concept goes Northward approximately 0.80 miles to the end of the project at ML 4.8. Additional right of way be required to construct the new roadway and will be variable from 0.00 ft. to 150 ft.

TRAFFIC

CURRENT

YEAR	AADT
2002	2650

PROJECTED

YEAR	AADT
2022	3950

PDP CLASSIFICATION

MINOR

NON-CA ()

CA ()

FUNCTIONAL CLASSIFICATION

RURAL MINOR ARTERIAL

EXEMPT (X)

N/A ()

NEED AND PURPOSE

The proposed project involves the replacement of a narrow and inadequate design load capacity bridge with a Suff. Rating of 63.1. The bridge Maintenance Engineer recommended the bridge to be replaced in accordance with the DOT Policy 2405-1.